



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: YE

Serial No.: 10/078720

Filing Date: February 19, 2002

Docket No.: 4795-004

Title: METHOD AND APPARATUS FOR  
CUTTING A SUBSTRATE USING LASER  
IRRADIATION

Examiner: Ms. Alexandra Elve

Group Art Unit: 1725

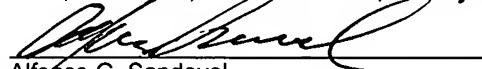
Confirmation No.: 5412

Status: Allowed

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on May 5, 2004

  
Alfonso G. Sandoval

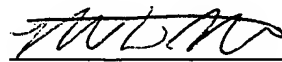
**SUBMISSION OF CORRECTED DRAWINGS**

Sir:

This paper is submitted in response to the Notice Regarding Drawings dated March 23, 2004, having date due of May 23, 2004, relating to the above-identified U.S. Patent Application. A copy of corrected drawings, Figure 5 and Figure 6, are enclosed as requested by Mr. Joshua D. Chase of the Office of Patent Publication.

Respectfully submitted,  
**COATS & BENNETT, P.L.L.C.**

**Dated: May 5, 2004**

  
Michael D. Murphy  
Attorney for Applicants  
Registration No.: 44,958

P.O. Box 5  
Raleigh, NC 27602  
Telephone: (919) 854-1844



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NUMBER <b>10/078720</b>	FILING/RECEIPT DATE <b>02/19/2002</b>	FIRST NAMES APPLICANT <b>YE, KAI DONG</b>	ATTORNEY DOCKET NUMBER <b>4795-004</b>
--	--	--	---

COATS & BENNETT, PLLC  
P O BOX 5  
RALEIGH NC 27602

Examiner  
ELVE, MARIA  
Art Unit 1725  
Paper Number

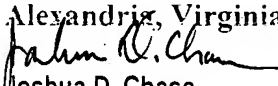
Date Mailed: 03-23-04

### Notice Regarding Drawings

Corrected drawings for the above-identified application, received in the USPTO on 2-19-02 are still not acceptable for the reason(s) identified on the attached PTO-948. Applicant is given one opportunity to correct the informalities within a two-month time period from the mailing date of this Notice. **THIS TIME PERIOD IS NOT EXTENDABLE UNDER EITHER 37 CFR 1.136(a) OR 1.136(b).** Failure to take corrective action within the set period will result in abandonment of the application.

ATTACHMENT: PTO-948 Notice of Draftsperson's Patent Review

#### RETURN CORRECTED DRAWINGS TO:

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
  
Joshua D. Chase  
Office of Patent Publication,  
Publishing Division  
703-305-8404

## NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 2-19-02 are:

- A. ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.152.  
 B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required.

**1. DRAWINGS.** 37 CFR 1.84(a): Acceptable categories of drawings: Black ink or Color (3 sets required).

☐ Color drawings are not acceptable until petition is granted. Fig(s) \_\_\_\_\_

☐ Pencil and non black ink not permitted. Fig(s) \_\_\_\_\_

**2. PHOTOGRAPHS.** 37 CFR 1.84(b)

☐ One (1) full-tone set is required. Fig(s) \_\_\_\_\_

☐ Photographs may not be mounted. 37 CFR 1.84(e)

☐ Photographs must meet paper size requirements of 37 CFR 1.84(f). Fig(s) \_\_\_\_\_

☐ Poor quality (half-tone). Fig(s) \_\_\_\_\_

**3. TYPE OF PAPER.** 37 CFR 1.84(e)

☐ Paper not flexible, strong, white, and durable.

Fig(s) \_\_\_\_\_

☐ Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted.

Fig(s) \_\_\_\_\_

**4. SIZE OF PAPER.** 37 CFR 1.84(f): Acceptable sizes:

21.0 cm by 29.7 cm (DIN size A4) or

21.6 cm by 27.9 cm (8 1/2 x 11 inches)

☐ All drawing sheets not the same size.

Sheet(s) \_\_\_\_\_

☐ Drawings sheets not an acceptable size. Fig(s) \_\_\_\_\_

**5. MARGINS.** 37 CFR 1.84(g): Acceptable margins:

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm

☐ Margins not acceptable. Fig(s) \_\_\_\_\_

Top (T) Left (L)

Right (R) Bottom (B)

**6. VIEWS.** 37 CFR 1.84(h)

REMINDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig. 1B and Fig. 1C, etc., the specification, at the Brief Description of the Drawings, must likewise be changed.

☐ Views not labeled separately or properly.

Fig(s) \_\_\_\_\_

**7. SECTIONAL VIEWS.** 37 CFR 1.84(h)(3)

☐ Sectional designation should be noted with

Arabic or Roman numbers. Fig(s) \_\_\_\_\_

**8. ARRANGEMENT OF VIEWS.** 37 CFR 1.84(i)

☐ Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) \_\_\_\_\_

**9. SCALE.** 37 CFR 1.84(k)

☐ Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction.

Fig(s) \_\_\_\_\_

**10. CHARACTER OF LINES, NUMBERS, & LETTERS.** 37 CFR 1.84(l)

☐ Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) \_\_\_\_\_

**11. SHADING.** 37 CFR 1.84(m)

☐ Solid black areas pale. Fig(s) \_\_\_\_\_

☐ Solid black shading not permitted. Fig(s) \_\_\_\_\_

**12. NUMBERS, LETTERS, & REFERENCE**

**CHARACTERS.** 37 CFR 1.84(p)

☐ Numbers and reference characters not plain and legible. Fig(s) \_\_\_\_\_

☐ Figure legends are poor. Fig(s) \_\_\_\_\_

☐ Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) \_\_\_\_\_

☐ English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) \_\_\_\_\_

☐ Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3). Fig(s) \_\_\_\_\_

**13. LEAD LINES.** 37 CFR 1.84(q)

☐ Lead lines missing. Fig(s) \_\_\_\_\_

**14. NUMBERING OF SHEETS OF DRAWINGS.**

37 CFR 1.84(t)

☐ Sheets not numbered consecutively, and in Arabic numbers beginning with number 1. Sheet(s) \_\_\_\_\_

**15. NUMBERING OF VIEWS.** 37 CFR 1.84(u)

☐ Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) \_\_\_\_\_

**16. DESIGN DRAWINGS.** 37 CFR 1.152

☐ Surface shading shown not appropriate.

Fig(s) \_\_\_\_\_

☐ Solid black surface shading is not permitted except when used to represent the color black as well as color contrast. Fig(s) \_\_\_\_\_

COMMENTS:

POOR QUALITY, FIG. 5, 6

Reviewer J. CHASE

If you have questions, call (703) 305-8404.

Date 3-23-04

Attachment to Paper No. \_\_\_\_\_